

0062380

SAF-B00-004
Industrial Hygiene Sampling – Airborne
FINAL DATA

E:MAIL RESULTS TO:

Denise Pitts

N/A
INITIAL/DATE

COMPLETE COPY OF DATA PACKAGE TO:

Denise Pitts

X2-09

BP 4/15/04
INITIAL/DATE

COMMENTS: (PLEASE INCLUDE THE FOLLOWING ON THE FAX COVER SHEET)

SDG

20040490

SAF-B00-004

Rad only

X

Chem only

Rad & Chem

X Complete

Partial

RECEIVED
AUG 17 2004
EDMC

WSCF ANALYTICAL LABORATORY REPORT

Asbestos - Fiber Count

for

Bechtel Hanford, Inc.
MSIN: H9-02
Richland, WA 99352

Attention: J. Kessner MSIN: H9-02

Survey ID J016N0-N6

Data Validator

MK Hamilton

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Group#: 20040490
Report Date 13-apr-2004

w_0007/rev.6.3

B00-004

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Fluor Hanford, Inc.
MSIN: S3-28
Richland, WA 99352

Phone 373-7403

WSCF

ANALYTICAL LABORATORY REPORT

Attention: J. Kessner MSIN: H9-02 Bechtel Hanford, Inc. Group #: 20040490

Sample #	Client ID	Test Performed	Matrix	Reported Air Vol.(L)	Fibers/ RG Field	RG Result	Units	RDL Analyst	Sampled	Received	Analyzed
W04I001604	J016N0	Airborne Fiber Conc.	FILTER	N/A	< RDL	BLANK	fibers/cm3	3 fibers mkg	03/22/04	03/23/04	03/24/04
W04I001605	J016N1	Airborne Fiber Conc.	FILTER	N/A	< RDL	BLANK	fibers/cm3	3 fibers mkg	03/22/04	03/23/04	03/24/04
W04I001606	J016N2	Airborne Fiber Conc.	FILTER	4492	N/A	VOID	fibers/cm3	3 fibers mkg	03/22/04	03/23/04	03/24/04
W04I001607	J016N3	Airborne Fiber Conc.	FILTER	4443	N/A	VOID	fibers/cm3	3 fibers mkg	03/22/04	03/23/04	03/24/04
W04I001608	J016N5	Airborne Fiber Conc.	FILTER	4566	N/A	VOID	fibers/cm3	3 fibers mkg	03/22/04	03/23/04	03/24/04
W04I001609	J016N6	Airborne Fiber Conc.	FILTER	1375	0.13	< 0.01	fibers/cm3	3 fibers mkg	03/22/04	03/23/04	03/24/04

RDL=Reporting Detection Limit
RG = Result Range

Method LA-519-402 which was used is based on the approved NIOSH Analytical Method 7400, Rev. 4, Aug 1994.
The method does not distinguish between asbestos and non-asbestos fibers but uses 400-power phase contrast microscopy to count all particles with an overall length exceeding 5 microns and a length-to-width ratio of 3:1 or greater.
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* - Indicates results that have NOT been validated.

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The quality control data for calender year 2004 is as follows:

Fibers/Field	Sr value
<= 0.03	1.00
>0.03 - 0.20	0.26
>0.20 - 0.50	0.20
>0.50 - 1.0	0.17
>1.0	0.14

WSCF

ANALYTICAL COMMENT REPORT

Attention: J. Kessner MSIN: H9-02

Group #: 20040490

Sample #	Client ID	Lab Area	Test	Comment
		VALGROUP		Results have not been corrected for lab or field blanks unless otherwise noted in the Analytical Comment Report.
				Validated 4/13/04 by MK Hamilton, IH QA Coordinator.
W041001606	J016N2	TESTDATA	Airborne	SAMPLE VOID DUE TO PARTICULATE OVERLOAD.
W041001607	J016N3	TESTDATA	Airborne	SAMPLE VOID DUE TO PARTUCILATE OVERLOAD.
W041001608	J016N5	TESTDATA	Airborne	SAMPLE VOID DUE TO PARTUCILATE OVERLOAD.
W041001609	J016N6	LOGSAMP		SAMPLES ACCEPTABLE FOR RECEIPT. REC'D BY V. SIMS 3/23/04.
				AND LOGGED BY MK GRANT 3/24/04.
				MEDIA: 0.8u 25 MM MCE FILTERS

Lab Areas: VALGROUP - Group Validation
LOGSAMP - Login for Sample

VALTEST - Test Validation
LOGTEST - Login for Tests

TESTDATA - Test Data Entry

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20040490

Bechtel Hanford, Inc.		ERC/INDUSTRIAL HYGIENE CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST									
Collector: <i>Mark Craston</i>	Company Contact Henry W. Ruby		Telephone No. 373-5600		Project Coordinator Joan H. Kessner			Data Turnaround			
Payroll #: <i>73450</i>	Sampling Location <i>100N/1304 Emergency Pump Tank</i>		SPECIAL INSTRUCTIONS All relevant COAs must be provided: <i>R 1304 N J452</i> ANALYSIS METHOD (SPECIFIC): <i>NIOSH 7400 (Asbestos)</i>			SAF No. B00-004; B00-005			24 Hr		
Type of Sample: <i>Area</i>						Method of Shipment					
Shipped To: <i>WSCF</i>						Bill of Lading/Air Bill No.					
POSSIBLE SAMPLE HAZARD/REMARKS <i>Asbestos</i>		MATRIX A - AIR WI - WIPE X - OTHER	Preservation (ie., cooling required, etc.)		No	No					
Special Handling and/or Storage <i>N/A</i>											
SAMPLE ANALYSIS					Asbestos Airborne	Lead Airborne					
SAMPLE NO.	MATRIX	SAMPLE DATE	VOLUME (L)	Comments							
<i>1604 J016ND</i>	<i>A</i>	<i>3-22-04</i>	<i>Blank</i>	<i>Blank</i>	<i>X</i>						
<i>1605 J016N1</i>	<i>A</i>	<i>3-22-04</i>	<i>Blank</i>	<i>Blank</i>	<i>X</i>						
<i>1606 J016N2</i>	<i>A</i>	<i>3-22-04</i>	<i>4492</i>	<i>Area</i>	<i>X</i>						
<i>1607 J016N3</i>	<i>A</i>	<i>3-22-04</i>	<i>4443</i>	<i>Area</i>	<i>X</i>						
<i>1608 J016N5</i>	<i>A</i>	<i>3-22-04</i>	<i>4566</i>	<i>Area</i>	<i>X</i>						
<i>1609 J016N6</i>	<i>A</i>	<i>3-22-04</i>	<i>1375</i>	<i>Area</i>	<i>X</i>						
				<i>MC</i> <i>3-22-04</i>							

ERC/INDUSTRIAL HYGIENE CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

SIGN / PRINT NAMES / USE MILITARY TIME

Relinquished By/Stored:	DATE / TIME	Received By/Stored:	DATE / TIME
Mark Cranston / Mark Cranston	3-22-04 1530	M10 425/426 Locked Room #4	3-22-04 1530
Relinquished By/Stored:	DATE / TIME	Received By/Stored:	DATE / TIME
D. Williams / D. Williams	1020/3-23-04	MT Stankovich	3-23-04/1020
Relinquished By/Stored:	DATE / TIME	Received By/Stored:	DATE / TIME
MT Stankovich	3-23-04/1050	Victor Sims	3/23/04 10:50
Relinquished By/Stored:	DATE / TIME	Received By/Stored:	DATE / TIME
Victor Sims	3/23/04 1600	MK Grant / MK Grant	3-23-04 1600
Relinquished By/Stored:	DATE / TIME	Received By/Stored:	DATE / TIME
Logged + analyzed		MK Grant / MK Grant	3-24-04 0915
Relinquished By/Stored:	DATE / TIME	Received By/Stored:	DATE / TIME
		Remaining filter stored at WCCF fiber count lab for at least 3 months, then discarded at trash.	
Relinquished By/Stored:	DATE / TIME	Received By/Stored:	DATE / TIME
Relinquished By/Stored:	DATE / TIME	Received By/Stored:	DATE / TIME
Relinquished By/Stored:	DATE / TIME	Received By/Stored:	DATE / TIME
Relinquished By/Stored:	DATE / TIME	Received By/Stored:	DATE / TIME
LABORATORY SECTION	Received By	Title	DATE / TIME
	MK Grant / MK Grant	IH Sample Custodian	3-23-04 1600

REVIEWED BY: _____
PRINT/SIGN NAME

DATE: _____